

Title (en)

KITE DRIVEN WATERCRAFT POWER GENERATING SYSTEM

Title (de)

STROMERZEUGUNGSSYSTEM FÜR DRACHENBETRIEBENES WASSERFAHRZEUG

Title (fr)

SYSTÈME DE GÉNÉRATION D'ÉNERGIE D'EMBARCATION ENTRAÎNÉ PAR CERF-VOLANT

Publication

EP 4038275 A1 20220810 (EN)

Application

EP 20817493 A 20201113

Priority

- GB 201916516 A 20191113
- IB 2020060681 W 20201113

Abstract (en)

[origin: WO2021094987A1] A kite driven watercraft power generating system which includes at least one operative location defined on the watercraft, at least one inoperative location defined on the watercraft, a plurality of kite base stations mounted displaceably about the watercraft and, an orientation subsystem for displacing each of the plurality of kite base stations between the at least one operative, and, the at least one inoperative locations, respectively, wherein each of the plurality of kite base stations is further configured to orientate its respective kite in a wind harvesting and energy generating mode when located in the at least one operative location, and, in a kite retraction mode, when located in the at least one inoperative location.

IPC 8 full level

F03D 9/17 (2016.01); **B63B 25/14** (2006.01); **B63H 9/071** (2020.01); **B63H 9/072** (2020.01); **B63J 3/04** (2006.01); **B64C 31/06** (2020.01); **F03D 5/04** (2006.01); **F03D 5/06** (2006.01); **F03D 9/19** (2016.01); **F03D 9/25** (2016.01); **F03D 9/32** (2016.01)

CPC (source: EP GB US)

B63B 25/14 (2013.01 - EP); **B63B 35/44** (2013.01 - US); **B63H 9/069** (2020.02 - GB); **B63H 9/071** (2020.02 - EP); **B63H 9/072** (2020.02 - EP); **B64C 31/06** (2013.01 - EP); **B64U 10/60** (2023.01 - EP GB); **F03D 5/00** (2013.01 - EP GB); **F03D 5/06** (2013.01 - US); **F03D 9/008** (2013.01 - GB); **F03D 9/32** (2016.05 - EP US); **F03D 13/20** (2016.05 - GB); **F03D 13/25** (2016.05 - GB); **H02K 7/183** (2013.01 - US); **B63B 2035/446** (2013.01 - US); **B63B 2035/4466** (2013.01 - US); **B63J 2003/046** (2013.01 - EP); **B64U 2201/202** (2023.01 - EP); **F03D 9/10** (2016.05 - EP); **F05B 2220/61** (2013.01 - EP); **F05B 2240/9172** (2020.08 - EP); **F05B 2240/921** (2013.01 - EP); **F05B 2240/931** (2013.01 - EP US); **F05B 2260/42** (2013.01 - US); **Y02E 60/36** (2013.01 - EP); **Y02E 70/30** (2013.01 - EP); **Y02T 70/00** (2013.01 - EP); **Y02T 70/5236** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2021094987 A1 20210520; CN 114846236 A 20220802; EP 4038275 A1 20220810; EP 4038275 B1 20230913; EP 4038275 C0 20230913; GB 201916516 D0 20191225; GB 2589088 A 20210526; GB 2589088 B 20220223; US 2022389904 A1 20221208; ZA 202206367 B 20240327

DOCDB simple family (application)

IB 2020060681 W 20201113; CN 202080090194 A 20201113; EP 20817493 A 20201113; GB 201916516 A 20191113; US 202017776076 A 20201113; ZA 202206367 A 20220608